Anthropology 1: Introduction to Physical Anthropology
ONLINE CLASS, Section #4103
El Camino College, Fall 2016

Instructor: Kirsten Olson
Email: kolson@elcamino.edu (best way to contact, or through private message in ETUDES)

NOTE: I teach several online classes so be sure to include your class and section # in your email.
Voice Mail: (310) 660-3593 x4378 (VM system will leave me a message on email)
Office Hours: NO ON-CAMPUS OFFICE HOURS, please contact me via email

Required Text:
2013 R. Jurmain, L. Kilgore and W. Trevathan

- Earlier editions of the textbook are NOT recommended, as key information has been updated in the 9th edition. Page numbers and sections will not correspond with reading assignments.
- Available for purchase (used or new) or as an e-book through the El Camino Bookstore.
- Available for rental through the publisher (www.cengagebrain.com).
- 8th edition on reserve, available for 2-hour check-out at the El Camino Library, but not recommended for long-term use (see above).

Course Description:
This course is an introduction to the anthropological study of the evolutionary development of humans. Four major topics will include 1) the history and concept of evolution, the mechanisms of evolutionary change, the principles of inheritance, molecular biology, natural selection and the modern synthesis; 2) the study of our closest living relatives—the primates—including primate behavior and taxonomy; 3) a chronological overview of human evolution and cultural development, beginning with the primate fossil record and focusing on the lineage that leads to ourselves, Homo sapiens; and 4) modern human populations in terms of variation, behavior, and the human life cycle from a biological perspective.

Course Objectives:
Upon successful completion of the course, students will be able to:
1. Demonstrate an understanding of the concept of the scientific method and its significance to science.
2. Describe and evaluate the major ideas that preceded and led to the development of evolutionary theory and analyze modern theories of Darwinian evolution through natural selection.
3. Identify and describe the processes by which genetic information is transmitted from one generation to the next.
4. Identify and discuss the various components of the DNA molecule and the process of protein synthesis.
5. Explain and assess the mechanisms of evolutionary change and explain how each one contributes to the evolutionary process.
6. Contrast point and chromosomal mutations and discuss the significance of point mutations to evolution.
7. List the major anatomical characteristics of primates associated with movement and the senses, and explain how they evolved as adaptations to an arboreal environment.
8. Contrast the major forms of primate social structure and describe their relationship to the primate species’ ecology.
9. Explain the differences between relative and chronometric dating and provide an example of chronometric dating using a radiometric technique.
10. Evaluate the benefits of bipedalism in reference to the particular environment in which most hominid evolution occurred.
11. Compare and contrast the skull characteristics of Australopithecus africanus, Australopithecus (or Paranthropus) boisei, and Homo habilis in relation to the particular diet of each.
12. Contrast the anatomical characteristics of Homo habilis and Homo erectus, and analyze those contrasts in reference to their respective environments and subsistence strategies.
13. Analyze the characteristics of Homo neanderthalensis in reference to the environment in which this hominin lived.
14. Evaluate the models that account for the origin of Homo sapiens, outlining the major criteria and evidence supporting each.
15. Outline the cultural stages in the evolution of the genus Homo, making reference to the particular Homo species, tool industry, and environmental context associated with each stage.
16. Explain the difference between physiological adjustments and adaptations and explain skin color and body build as adaptations to particular environments.

**Student Learning Outcomes:**
These are targeted goals for what students should know and be able to explain at by the end of a particular class. The following are several examples of such goals:  
1) In a written assignment, students will explain how natural selection is related to environmental factors by using an example that identifies key processes of natural selection and illustrates how selective pressures can change.  
2) In an in-class assignment or objective exam question, students will demonstrate an understanding of primate adaptation by describing the major anatomical characteristics of primates associated with movement and the senses, and identifying how they evolved as adaptations to arboreal environments.  
3) In a written assignment or objective exam question(s), students will demonstrate an understanding of human evolution by comparing and contrasting the anatomical and behavioral features of modern Homo sapiens with various extinct species of the Genus Homo (e.g. Neandertals, H. erectus, H. habilis).

**Student Responsibilities in Distance Education:**
As a student in an online class, you are expected to understand the requirements and take charge of your own learning within the structure of the online environment. This includes:  
- Regular access to a computer with an internet connection multiple times a week.
- Understanding of how ETUDES, the Course Management Site, works.
- Keeping up to date on announcements in ETUDES and checking email regularly.
- Studying information presented in the textbook and ETUDES modules in a timely manner.
- Being aware of all due dates for assignments, discussions, and exams (no late work permitted). Make sure you check the Course Schedule in the syllabus or the CourseMap in ETUDES regularly to stay on top of material.
- Checking to see that all work submitted, including exams, was submitted properly (notify me of any problems before the deadline).
- Keeping track of your own scores in ETUDES.

Note that there are some misconceptions about online classes. They are not easier nor do they take less time than face to face classes. You will read more than you do in a typical face to face class because you will not be sitting in lecture. You will spend time reading the textbook plus additional time accessing the materials presented to you online, which will include written material, brief videos, slide presentations and so on. This type of class is great for the organized self-starter, but can be difficult if a student thought it would be easier, or if a student falls behind on material. Class modules are released on a weekly basis, but that does not mean you should wait until the end of the week to access them. Remember each week contains several hours of reading, online material, and assignments, discussions, or exams. Cultivate self-discipline and make a plan to start each week’s material early—anticipate deadlines. Waiting until the last minute will be problematic, especially if you have computer problems—you are responsible for getting materials in on time, no exceptions.

**Instructor/Student Interaction and Contact Information:**
Although this is an online class, regular interaction between instructor and student is required, per Title V accreditation guidelines. This will be accomplished in several ways, including introductory emails, participating in discussions, emailing with questions, etc. Your online presence in ETUDES (logging in,
accessing modules, submitting assignments, etc.) serves as “attendance”. If you are inactive for more than two weeks, you may be dropped from the class. Keep in mind, however, that it is your responsibility to drop, should you decide not to remain enrolled—do not presume I will drop you. Avoid an “F” and drop yourself if you choose not to participate.

Keep in mind these guidelines when emailing or messaging me:
- If you use an email other than your El Camino address, make sure I know who you are in the text of the email.
- I teach several different courses online, so please include the specific class and section number in the title of your email.
- Use proper grammar in your email. This is a college-level course, and you should be presenting yourself appropriately.
- Most personal emails or messages received Monday through Friday will be responded to within 24-48 hours. Do not expect an immediate reply; I have several classes I teach, and will get to your questions in a timely manner. I am generally not available on weekends, so anticipate questions ahead of time.

Technical Requirements and Support:
Basic computer requirements:
PCs should be running Win 2000, XP, Vista, or Windows 7. Macs should have OS X 10.3.X or above. Tablets and mobile phones do not qualify as reliable computer stations. For browsers: Latest version of Firefox, Google Chrome or IE on the PC, and latest version of Firefox or Google Chrome on the Mac.

Basic computing skills:
✓ Sending, receiving, replying to emails, using attachments if needed.
✓ Using MS Word to create and save documents.
✓ Cutting and pasting from one source to another.
✓ Posting messages to a discussion board.
✓ Visit various websites through hyperlinks or URLs, move forward and backward through sites.

The following may be necessary downloads:
✓ If you cannot view pdf files, download the free version of Adobe Reader.
✓ If you cannot view Powerpoint slides, download MS Powerpoint Viewer.
✓ If you cannot view some videos, install QuickTime or Real Player.

Further technical support:
Any questions regarding Distance Education or for technical assistance, contact the Distance Education office at DistanceEd@elcamino.edu or call 1-310-660-6453.

Please note that technical issues are not an excuse for missing exams or assignments. It is the student's responsibility to ensure materials were successfully submitted immediately after submission and to notify the instructor of any problems before the deadline.

Computer backup plans:
You must have a backup plan ahead of time before you take any exam or submit an assignment. Having access to a reliable computer and reliable internet access is a requirement for the course, but computer malfunctions and system crashes may still occur. You must keep this in mind when planning on when to complete an assignment or take a test. In the event your computer malfunctions, having a backup plan ahead of time will keep you from missing a test or assignment. Remember, there are no makeups!
There are several computer labs available for student use on the El Camino campus. You will need a student ID to use these labs, remember they are not always open. You should also research local internet cafes or businesses with computer stations such as FedEx or Kinkos.

Logging in to ETUDES:
STEP 1: Go to the ETUDES Login Page - When you log in for the first time, you will be required to enter two pieces of information: your User ID and your Password (see Steps 2 and 3 below)

STEP 2: Enter your User ID. Your User ID is the same as your user ID that you use to login to MyECC. EXAMPLE: Albert Einstein is enrolled in an online ETUDES class and has the following User ID: albert_einstein [all lower case].

STEP 3: Enter your password. Your default Password for Etudes is the month and date of birth included in your ECC record. EXAMPLE: Albert Einstein’s birth date is March 25 so his Etudes Password is: 0325.

STEP 4: Click Login then click on the Tab to enter your course. You will have access to the course starting on the first day of the semester (and after waiting 24 hours after you registered for the class).

- Some ECC student ID numbers have been adjusted to accommodate multiple persons with the same name. For pdf and video tutorials on how to log on to Etudes or resolve login issues, visit Etudes Login Tutorials. If further help is needed, contact DistanceEd@elcamino.edu.
- Store your user ID and password someplace safe—I cannot retrieve this information for you.
- The Etudes system links to your El Camino email address by default. If you prefer class announcements to be sent to a personal email address, it is your responsibility to change the settings for your Etudes account. Once you have logged in, you may change your account preferences to send notifications to your chosen email address (Click “Account” in upper right of Etudes, then “Email”, then “Edit”).

Course Material, Assignments and Grades:
Modules:
The ETUDES system organizes various forms of information (lectures, articles, video, presentations, web-links, etc.) into modules, subdivided into sections. Modules correspond with a chapter in your textbook, or sections of chapters. Specific readings for the week are announced at the beginning of each module. Each week, a new module will become available to you. This encourages you to access information on a regular basis in order to keep up to date with coursework so that you are prepared for assignments and exams. Make it a habit to keep up with the weekly readings and access all of the required module sections. Keep in mind that the module materials are designed to help you understand information presented in the text and at times contains information not found in your textbook.

Discussion Board:
There are five required discussion assignments based on topics in the textbook and/or modules, worth a total of 70 points (Introductory Discussion #1 is worth 10 points, Discussions #2-5 are worth 15 points each). You will need to contribute brief written statements in your own words that show critical thinking, problem solving and discussion of issues with fellow students. Discussions will be announced ahead of time and will require a minimum of one or two posts. Instructions for each topic will be described at the beginning of each Discussion as it becomes available. Participation in discussions is limited to the time period the discussion board is open—there are strict time limits and due dates. Do not be rude or discourteous to classmates! Your personal opinions are welcome, but the discussion forum is a place to demonstrate that you have learned/are learning course-specific material. Inappropriate responses will disqualify you from earning any points for the discussion. More specific information can be found in the Discussion Guidelines and Grading section of the “Resources” folder in ETUDES (left side of the page).
Assignments and Quizzes:
The Syllabus/Plagiarism Quiz (10 pts) is due at the end of the first week of classes (see the Class Schedule), and is necessary to participate in the course. You must pass the quiz with 100% correct answers, but will have unlimited attempts before the deadline. The best strategy is to review carefully the Syllabus and Plagiarism materials ahead of time. I will know how many times you will have attempted it, and it does not look good if you take it a dozen times or more—it is clear you are just guessing.

Weekly quizzes will be available that correspond to each week’s module and readings. Each of the 15 total quizzes consists of 8 questions and is worth 10 points. Questions in the quizzes may show up on the larger exams. These are meant to help you check your own knowledge and prepare for larger exams. The quizzes will open when each weekly module opens on Monday and they will close on the SUNDAY of that same week. They are untimed, meaning you can begin the quiz and come back to it whenever you want during the week until it closes or you choose to finish the quiz. As soon as you are finished, ETUDES will only show you your incorrect answers—no answer key will be provided. This is so you can actively find out this information on your own. The best 10 out of 15 quiz scores will be calculated into your final grade.

You will also have one required assignment on Mendelian Genetics (15 pts), an article review (25 pts), plus an Extra Credit assignment made available in Week 13 (15 pts). Details of these assignments will be posted in the Assignments section in ETUDES before their respective due dates.

Exams:
There will be four exams, the topics of which include 1) evolutionary theory and genetics, 2) primatology, 3) human evolutionary history, and 4) modern human variation. Exams are not cumulative. Each exam will be worth 70 points. All are “open book, open note.” However, this is no guarantee that you will do well, or even pass an exam without studying all of the material ahead of time. Do not think you will be able to look up all the answers while you are taking the test. Study guides are provided for you in a folder under the “Resources” section of ETUDES. You are also responsible for completing the exam before the deadline and making sure it was submitted correctly. Computer malfunctions or student errors are not valid excuses for missing exams. Remember to have a computer backup plan; tablets and smartphones are not workable substitutes. If you are using a wireless connection, you may wish to plug in directly to your router to ensure a stronger connection during exams. Remember there are NO MAKEUP EXAMS.

You are allowed one opportunity to take an exam. You must complete the exam within 3 hours, answering questions one at a time that are randomly drawn from several larger question pools. No two students’ exams are alike. Once you open the exam, the timer starts counting; you cannot stop and come back to it later. Overall, the exams will be open from 8:00 am on the day they open until 11:59 pm PST on the due date. Note that ETUDES is closed between 4-4:15am nightly for maintenance—make sure to complete your exam before this time or it will automatically close. Exams may include multiple-choice, true-false, fill in the blank or short essay questions or problem sets.

Grades:
Class Grades will be assigned according to the following 10% grading scale:
- 500-450 points: A
- 449-400 points: B
- 399-350 points: C
- 349-300 points: D
- 299 points and below: F
Class Policies:
Absolutely no cheating, plagiarism, unauthorized collaboration or falsification of documents will be tolerated in this class. Cheating on an exam or assignment will result in a zero grade. Please familiarize yourself with El Camino College’s Policies and Procedures regarding Academic Honesty and Standards of Conduct, which are stated clearly in the El Camino College Course Catalog.

Academic dishonesty may result in penalties such as a formal academic verbal warning, and/or an “F” on part or all of an assignment or exam. Plagiarism in any form will not be tolerated and will result in zero points for the assignment.

Details can be found at the following websites:
Student Code of Conduct:
http://www.elcamino.edu/administration/board/boarddocs/5500%20%20Academic%20Honesty.pdf

Student Rights and Grievances Procedure 5530:
http://www.elcamino.edu/administration/board/policies.asp

Americans with Disabilities Act (ADA) Statement:
El Camino College is committed to providing educational accommodations for students with disabilities upon the timely request by the student to the instructor. A student with a disability, who would like to request an academic accommodation, is responsible for identifying herself/himself to the instructor and to the Special Resources Center. To make arrangements for academic accommodations, contact the Special Resources Center or call 310-660-3295.

ECC Etudes User Agreement:
I affirm that I am the student who enrolled in this course. Furthermore, I affirm that I understand and agree to follow the regulations regarding academic integrity and the use of student data as described in the ECC Board Policy 5500 – Academic Honesty and Standards of Conduct Student Conduct Code that governs student rights and responsibilities. Failure to abide by the regulations may result in disciplinary action up to expulsion from the college as noted in ECC Administrative Procedure 5520.
ANTH 1 ONLINE Class Schedule

**NOTE:** Schedule of topics subject to change slightly. Check email and Announcements in ETUDES for notices of any changes. All assignments must be turned in by 11:59 pm PST on the due date or earlier.

*All 15 Weekly Quizzes are available on Mondays and are due the following Sunday at 11:59 pm PST*

<table>
<thead>
<tr>
<th>Week 1</th>
<th>Topics and Due Dates</th>
<th>Readings **</th>
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<tr>
<td>8/29</td>
<td>Course Orientation, What is Anthropology, The Scientific Method (Quiz #1) Syllabus/Plagiarism Quiz, Discussion #1 Due Sunday 9/4</td>
<td>Chapter 1</td>
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<tr>
<td>Week 2</td>
<td><strong>9/5: Labor Day Holiday—Campus Closed</strong> History of Evolutionary Theory, Life of Charles Darwin Fundamentals of Evolutionary Theory, Natural Selection (Quiz #2) Discussion #2 Due Sunday 9/11</td>
<td>Chapter 2</td>
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<td>9/5</td>
<td><strong>9/9: Last Day to ADD, Last Day to DROP with REFUND</strong></td>
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<td>Week 3</td>
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<td>9/12</td>
<td>Biological Basis of Life; Cells, DNA, Protein Synthesis, Mitosis, Meiosis (Quiz #3)</td>
<td>Chapter 3</td>
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<td>Week 4</td>
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<td>9/19</td>
<td>Mendelian Genetics; Production/Distribution of Variation (Quiz #4) Mendel Assignment Due Sunday 9/25</td>
<td>Chapter 4</td>
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<td>Week 5</td>
<td>Exam #1: Open Sunday 9/25, Closes Wednesday 9/28</td>
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<td>9/26</td>
<td>Classification, Taxonomies, Species; Macroevolution (Quiz #5)</td>
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<td>Week 6</td>
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<td>10/3</td>
<td>Introduction to Primates: Characteristics; Primate Classification (Quiz #6)</td>
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<td>10/10</td>
<td>Primate Behavior and Ecology; Mating and Reproduction Strategies (Quiz #7) Discussion #3 Due Sunday 10/16</td>
<td>Chapter 7</td>
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<td>Week 8</td>
<td>Exam #2: Open Sunday 10/16, Closes Wednesday 10/19</td>
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<td>10/17</td>
<td>Studying Fossils, Evolution of Vertebrates and Mammals Evolution of Primates, Paleoanthropology, Dating Techniques (Quiz #8)</td>
<td>Chapter 5 Chapter 8</td>
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<td>Week 9</td>
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<td>10/24</td>
<td>Earliest Hominins, Bipedality (Quiz #9)</td>
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<td>Week 10</td>
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<td>10/31</td>
<td>Emergence of Genus Homo Dispersal of Genus Homo (Quiz #10) Discussion #4 due Sunday 11/6</td>
<td>Chapter 8 Chapter 9</td>
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<td>Week 11</td>
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<td>11/7</td>
<td>Middle Pleistocene Hominins; Neandertals (Quiz #11) Article Review Due Sunday 11/13</td>
<td>Chapter 10</td>
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<td>Week 12</td>
<td>Exam #3: Open Sunday 11/13, Closes Wednesday 11/16 <strong>11/18: Last Day to DROP with a “W”</strong></td>
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<td>11/14</td>
<td>Emergence and Spread of Modern Humans; Upper Paleolithic Culture (Quiz #12)</td>
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<td>Week 13</td>
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<td>11/21</td>
<td>Modern Human Variation; Human Adaptations (Quiz #13) 11/24-25: Thanksgiving Holiday—Campus Closed</td>
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<td>Week 14</td>
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<td>11/28</td>
<td>The Race Concept (Quiz #14) Discussion #5 Due Sunday 12/5</td>
<td>Chapter 12</td>
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<td>Week 15</td>
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<td>12/5</td>
<td>The Human Life-cycle and Evolution Evolution Today, The Larger Perspective (Quiz #15)</td>
<td>Chapter 13 Chapter 14</td>
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<td>Week 16</td>
<td><strong>Extra Credit Due Tuesday 12/13</strong> Exam #4: Open Monday 12/12, Closes Friday 12/16 NO EXCEPTIONS</td>
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**Specific Readings assigned in Modules**

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